



e500

AUTOMATIC TRANSPORT
VENTILATOR

MULTIPLE MODES, COMPACT, LIGHTWEIGHT, EASY TO USE

The e500 ventilator ushers in a “new era” in controlled ventilation for resuscitation and patient transport!

These electronically controlled, pneumatically powered ventilators provide a range of ventilation solutions for resuscitation and transport in the pre-hospital and in-hospital healthcare professionals.

LONG LASTING
BATTERY
18h

ECONOMICAL
Low gas consumption

LIGHTWEIGHT
2.4 kg



SIMPLICITY

The ventilation solutions offered by the e500 cannot be compared to any other products of its type. The units are self-contained and only require attachment to a regulated oxygen supply and a transport ventilation circuit for immediate use. The easily replaceable, long lasting (18 -24 hour) battery can be charged while inside the ventilator or can be removed for charging and quickly replaced by a fresh battery pack. The display lighting has adjustable brightness for easy visualization of the ventilator settings in any ambient light conditions. Designed for a range of patient sizes (from large adult to infant), the e500 comes in a very small and lightweight package.

SAFETY

The continuous monitoring of ventilation parameters ensures that the device is always fully functional and ready for immediate use. The wide range of both visual and audible alarms provides the healthcare professional with warnings of any changes in patient or device parameters. Correction of any alarm is simple to achieve due to the compact and easy to operate control layout. The Intuitive Patient Apnea Backup (IPAB) mode provides additional security for the spontaneously breathing patient on CPAP by automatically commencing ventilations should their inspiratory efforts cease.

FUNCTIONALITY

The simplicity of operation of the e500 provides controlled ventilation for both resuscitation and transport with the minimum of control adjustments required for simple patient set up. The range of Tidal Volumes and ventilation rates offered provide improved patient care for all resuscitation and transport situations in the pre-hospital and in-hospital setting. The inclusion of ventilation modes for “mask or protected airway CPR”, with visual and audible prompts, adds another dimension to the application of these products not found on other ventilators.

CONTROLLABILITY

The e500 provides an “ease of use” concept that is second to none. These products are designed to speed up and simplify the initiation of ventilations by simply choosing the rate/volume. There are no multiple screens to scroll through to establish patient ventilation parameters. The units have an initial, pre-set, start-up mode requiring only the selection of patient size to begin ventilation.

ECONOMY

In addition to the patient care benefits, the e500 ventilator provides excellent low gas consumption and an extremely long battery operating time. This assists in providing controlled ventilation to the patient over an extended period, making the e500 ventilator ideal for long transports where both electrical and oxygen supplies are always a critical concern.

SPECIFICATIONS

POWER SOURCE	Compressed Oxygen
CIRCUIT CONTROL SOURCE	Electric
VENTILATION MODES	SIMV, CPAP, Mask CPR (MCPR) Intubated CPR (ICPR) Quick Start Mode, Manual, Intuitive Patient Apnea Backup (IPAB)
PATIENT SIZE RANGE	15 Kg to large Adult
VENTILATION FREQUENCY/ TIDAL VOLUME (F/ML)	12 preset Vt/BPM settings 100/20 to 650/10
QUICK START MODE DEFAULT VT/BPM	500/10
MANUALLY TRIGGERED VENTILATION	Yes
I:E RATIO	1:2
PEEP (CM H ₂ O)	Adjustable 4 - 20
CPAP (CM H ₂ O)	Adjustable 4 - 20
O ₂ (%) (FIO ₂)	60 or 100 (0.6 - 1.0)
PMAX (CM H ₂ O)	10 - 80
PMIN (CM H ₂ O)	0 - 20
TRIGGER SENSITIVITY (L/MIN)	3
APNEA BACK UP TIME (SEC.)	Adjustable 10 - 60
BATTERY OPERATING TIME	18 hours for default settings
BUILT-IN BATTERY CHARGER	Yes
A/C POWER ADAPTER	100-240VAC/ 19VDC, 4.74A
PATIENT CIRCUIT	O-Two electronic ventilator circuit
MOUNTING BRACKET	Multi-configuration bracket
DISPLAY TYPE	4.3" Color TFT Screen
LIVE MONITORING	Vm, vt, Paw (AV), PAW (Peak), F, BPM, Battery level
REAL TIME WAVEFORM	Selectable Pressure or Flow
ADJUSTABLE DISPLAY BRIGHTNESS	Yes
PARAMETER SETTINGS	Single, Multi Function Rotary Control
LOCK KEY FUNCTION	Yes
PAUSE FUNCTION	Yes
ALARMS (VISUAL AND AUDIBLE):	Gas Supply Pressure, Pmax, Pmin, Low Battery, BCI, Apnea, Leak, Vm min., Vm max.
AUDIBLE SILENCE	Yes, 120 seconds
OPERATING TEMPERATURE RANGE	-18°C to +50°C, Rh: 15% to 95%
STORAGE TEMPERATURE RANGE	-40°C to +60°C, Rh: 15% to 95%
DIMENSIONS (MM)	250 x 200 x 155
WEIGHT (KG) WITH/WITHOUT BATTERY	2.4 / 1.70



ORDERING INFORMATION

01EVE500 - e500 Transport Ventilator

Incl. Six-foot gas supply hose*, Power supply*, Ventilator Circuit and test lung.

01EV7035 - "e" Ventilator Smart Mount

Multi-configuration Mounting Bracket

01EV7037 - "e" Ventilator Transport System

Carry Frame and Ambulance Mounting Brackets

01CV8030-Cs - O-Two Single-Use six foot Electronic Transport Ventilator circuit
Case/10

01CV9100 - Battery Pack

01CV8040-Cs - Intake Filter Assembly
Case/10

* Specify Country of Use at time of ordering

THIS PRODUCT HAS A TWO YEAR WARRANTY AGAINST MANUFACTURERS DEFECTS.

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ventilation

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